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FOREST STEWARDSHIP MANAGEMENT PLAN

Prepared For:
Claiborne County Schools

Prepared By:
Tommy Walker

Time Period Covered by This Plan:
2012 - 2021

Date Plan Prepared:
2012-02-16

Plan Type:
Stewardship / Stewardship

This plan was developed in accordance with the rules of the Stewardship program.

Property Name: Section 18-T11N-R5E

MISSISSIPPI FOREST STEWARDSHIP PROGRAM

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LANDOWNER INFORMATION

Name:	Claiborne County Schools	
Mailing Address:	P.O. Box 337	
City, State, Zip:	Port Gibson, MS 39150	
Country:	United States of America	
Contact Numbers:	Home Number:	601-437-4352
	Office Number:	
	Fax Number:	
E-mail Address:		
Social Security Number (optional):		

FORESTER INFORMATION

Name:	Tommy Walker , Forester II	
Forester Number:	01473	
Street Address:	P.O. Box 77	
City, State, Zip:	Vicksburg, MS 39181	
Contact Numbers:	Office Number:	601-638-1227
	Fax Number:	
E-mail Address:		

PROPERTY LOCATION

County:	Claiborne	Total Acres:	628	Latitude:	-90.75	Longitude:	31.92
Section:	18	Township:	11N	Range:	5E		

DISCLAIMER

This plan is intended to be flexible. It may be modified to meet changes in economic conditions, management goals, or other circumstances. The figures in this plan are only estimates. They can and will change. Therefore, any plans or budgets that use these figures should be tempered with that thought.

INTRODUCTION

This Forest Stewardship Management Plan will serve as a guide for accomplishing the goals and objectives for your property. In addition to addressing your specific goals and objectives, this plan includes recommendations for maintaining soil and water quality and protecting your forest from insects, disease, and wildfire. Recommendations are based on observation and assessment of the site.

OBJECTIVES

Timber Production

The goal is to produce high quality sawtimber. This will be accomplished through reforestation and timber stand improvement practices such as herbicide applications, prescribed burning, thinning at specified intervals, and other silvicultural practices.

Forestry Best Management Practices will be implemented to prevent erosion and protect water quality.

Wildlife Management - General
The goal is to provide a diversity of habitats suitable for a variety of game and non-game wildlife species. Habitat management will focus on developing a variety of food, cover, water, and space. This will be accomplished by establishing and maintaining access roads and firelanes, providing openings within the forest, and the management of trees located within Streamside Management Zones.

PROPERTY DESCRIPTION

General Property Information
This section is located on Highway 548 in the southeast part of the county near the Copiah County line. It is commonly known as the Highway 548 section. This section contains approximately 628 acres of land of which, 594 acres is forest land. The 34 acres of nonforest land consists of primarily Highway 548, a church, a pond, food plots, and a field. The primary access road is Highway 548. The access for the west side of this section is across an adjacent landowner. The terrain on this section is gently rolling to steep. It is part of the loess bluff hills. Therefore, the soils are highly productive and highly erodible.

Water Resources
This section has several perennial streams, intermittent streams, and drains running throughout the property. Also, a small pond exists in the northeast corner of the section. All water resources will be managed in accordance with Mississippi's Best Management Practices.

Timber Production
The goal is to maximize the production of high quality timber. This will be accomplished through the application of timely thinning and other silvicultural practices designed to enhance timber quality and growth. Forestry Best Management Practices will be implemented to prevent erosion and protect water quality.

Threatened and Endangered Species
No threatened and endangered species were identified during the reconnaissance and evaluation of your property.

Interaction with Surrounding Property
Prescribed practices should be carried out in a manner that will minimize adverse impacts on surrounding properties. Consideration should be given to potential air, water, visual, and other impacts. In addition, practices carried out should have positive effects on the surrounding community such as improved wildlife habitat and soil stabilization.

Soils General
Soils were evaluated on the property to determine the suitability of the site for the proposed activities. Forest practices were planned so as to minimize erosion or other adverse effects on the soil. The following soils are identified for this property: Loring,

Grenada, and Falaya silt loams are the primary soils on this property located in the Loess Bluff Hills. These soils are very productive sites for both hardwood and Loblolly Pine. The Cherrybark Oak site index is over 90' and the Loblolly Pine site index is near 95'. The primary tree species for this tract is Loblolly Pine.

Archeological and Cultural Resources
These areas can range from churches, old cemeteries, natural springs, Indian mounds to home sites or other areas of historical significance. An old church and a cemetary exists on the north end of the section.

GENERAL PROPERTY RECOMMENDATIONS

Forest Protection
A healthy, vigorously growing stand is the best defense to an attack from a variety of forest insects, plants and pathogens.

Insects and Diseases

Trees are subject to attack from insects and diseases. Different insects and diseases affect trees according to the age, species, and condition of the trees. Planted stands of pines and pure stands of hardwoods are particularly susceptible to attack. Since there are many different insects and diseases, no attempt will be made here to explain all of them. The property should be inspected at least annually for possible signs of insect and disease activity. Some things to look for are:

- Unseasonable leaf fall
- Discoloration of leaves or needles
- Pitch pockets on pine trees
- Heavy defoliation of hardwood leaves
- Groups of three or more dying trees within a stand

This list does not cover all instances of insect or disease attacks. If anything unusual is noticed, report it to a forester. In most cases, insect and disease problems can be controlled if discovered early.

Fire Protection

Your forest should be protected from wildfire at all times. The best way to protect your investment is by establishing and maintaining firebreaks around the property. Guidelines for establishment and maintenance of firebreaks may be found in Mississippi Forestry Commission publication #107, *Mississippi's Best Management Practices.*

Grazing

Tree seedlings should be protected from grazing until such time as the terminal bud of the sapling is beyond reach of livestock. Domestic livestock should be denied access to all tree planting areas.

Boundary Lines

The Mississippi Forestry Commission has been maintaining the property boundaries on this section on a routine basis for many years. The property boundaries will be painted orange on a 5 year rotation, beginning in 2016.

Water Quality Protection

The objective of the landowner is to protect, preserve and enhance all water sources on or transecting the property. This can best be achieved by implementation of Best Management Practices in all aspects of the management of the property.

Aesthetics

This tract is in a rural part of the county. Therefore, aesthetics should not be a high priority.

Ecological Restoration

Ecological restoration is the process of assisting the recovery of an ecosystem that has been degraded, damaged, or destroyed. A reconnaissance of the property has been conducted and no ecological restoration activities are recommended at this time.

Wildlife Mgt. Target Species

The objective of this practice is to provide habitat best suited for the featured or target species. Habitat management can focus on providing food, cover, water, and space to facilitate the target species.

Environmental Education

Environmental educational goals can be to provide educational opportunities for children and adults through the development of items such as nature trails with tree identification markers, wildlife viewing areas, picnic areas, parking, public restroom facilities. There are no current plans to develop any of these items on this section.

Wildlife Management General

The goal is to provide a diversity of habitats suited for a variety of game and non-game wildlife species. Habitat management will focus on providing a variety of food, cover, water, and space. This will be accomplished, in part, by establishing and maintaining access roads and firelanes, providing openings within the forest, and leaving streamside management zones (SMZs).

This section currently has 69 acres designated as SMZs. Also, wildlife is considered when determining the size and placement of regeneration harvests. Timber loading areas often make good areas for wildlife food plots. There are approximately 9 acres of wildlife food plots currently being maintained by the leaseholder.

Timber Management
Timber management goals for this property are to manage timber resources in such a manner as to maximize timber production on a sustained yield basis.

Recreation
The primary recreational use of this property is to generate income through a hunting lease.

SOIL TYPES

Grenada
The Grenada component makes up 90 percent of the map unit. Slopes are 8 to 12 percent. This component is on uplands. The parent material consists of loess deposits. Depth to a root restrictive layer, fragipan, is 18 to 36 inches. The natural drainage class is moderately well drained. Water movement in the most restrictive layer is moderately low. Available water to a depth of 60 inches is moderate. Shrink-swell potential is low. This soil is not flooded. It is not ponded. A seasonal zone of water saturation is at 18 inches during January, February, March, December. Organic matter content in the surface horizon is about 1 percent. Nonirrigated land capability classification is 6e. This soil does not meet hydric criteria. Loblolly Site Index = 95.

Loring
The Loring component makes up 60 percent of the map unit. Slopes are 5 to 8 percent. This component is on uplands. The parent material consists of loess deposits. Depth to a root restrictive layer, fragipan, is 14 to 35 inches. The natural drainage class is moderately well drained. Water movement in the most restrictive layer is moderately low. Available water to a depth of 60 inches is moderate. Shrink-swell potential is low. This soil is not flooded. It is not ponded. A seasonal zone of water saturation is at 18 inches during January, February, March, December. Organic matter content in the surface horizon is about 1 percent. Nonirrigated land capability classification is 4e. This soil does not meet hydric criteria. The Memphis component makes up 30 percent of the map unit. Slopes are 5 to 8 percent. This component is on uplands. The parent material consists of loess deposits. Depth to a root restrictive layer is greater than 60 inches. The natural drainage class is well drained. Water movement in the most restrictive layer is moderately high. Available water to a depth of 60 inches is very high. Shrink-swell potential is low. This soil is not flooded. It is not ponded. There is no zone of water saturation within a depth of 72 inches. Organic matter content in the surface horizon is about 2 percent. Nonirrigated land capability classification is 4e. This soil does not meet hydric criteria.

Falaya
The Falaya component makes up 95 percent of the map unit. Slopes are 0 to 2 percent. This component is on flood plains. The parent material consists of silty alluvium. Depth to a root restrictive layer is greater than 60 inches. The natural drainage class is moderately well drained. Water movement in the most restrictive layer is moderately high. Available water to a depth of 60 inches is very high. Shrink-swell potential is low. This soil is occasionally flooded. It is not ponded. A seasonal zone of water saturation is at 24 inches during January, February, March, November, December. Organic matter content in the

surface horizon is about 1 percent. Nonirrigated land capability classification is 2w. This soil does not meet hydric criteria. Loblolly Site Index = 90.

STRATA

Strata 1

Strata Description

Strata 1 is comprised of Stands 2, 3, 8, and 16. It contains a total of 51 acres of 21 year old pine chip-n-saw and pulpwood. This strata was thinned in 2010. It is well-stocked.

Strata Recommendations

The long term goal for this strata is to continue periodic thinning and burning until age 35-40 and then clearcut and regenerate with Loblolly Pine.

Activity Recommendations

In 2012, Strata 1, Stands 2 and 3 should be control burned along with Strata 3, Stands 18 and 28 and Strata 5, Stand 13 to reduce hazardous fuels. The total area to burn is 181 acres.

In 2015, Strata 1, Stands 2 and 3 should be control burned along with Strata 3, Stand 28 and Strata 5, Stand 13 to reduce hazardous fuels. The total area to burn is 145 acres.

In 2018 and 2021, Strata 1, Stands 2 and 3 should be control burned along with Strata 5, Stand 13 to reduce hazardous fuels. The total area to burn is 74 acres.

In 2016, Strata 1, Stands 2, 3, and 16 should be thinned along with Strata 2, Stands 7 and 35. The total sale area is 102 acres. This thinning will primarily be a pine crown thinning in Strata 1 and a hardwood corridor/select in Strata 2. The trees to remove are as follows: trees of undesirable species, poor quality and unhealthy trees of desirable species, and high risk trees which are competing with better trees.

In 2017, Strata 1, Stand 8 should be thinned along with Strata 3, Stands 9, 12, and 17 and Strata 5, Stand 13. The total sale area is 117 acres. This thinning will primarily be a pine crown thinning in Stratas 1 and 5, and a hardwood crown thinning in Strata 3. The trees to remove are as follows: trees of undesirable species, poor quality and unhealthy trees of desirable species, and high risk trees which are competing with better trees. At least 50 % crown cover should be left in all streamside management zones.

Strata 2

Strata Description

Strata 2 is comprised of Stands 7 and 35. It contains a total of 58 acres of 21 year natural hardwood and scattered pine pulpwood. The pine stocking is poor, while the hardwood stocking is good. The species composition is good. The total height ranges from 30-45 feet on most of the hardwood. The dbh ranges from 5-8 inches for the pine and the hardwood.

Strata Recommendations

The long term goal for this strata is to begin periodic thinnings and continue thinning until the adjacent pine plantations in Strata 1 are mature. Then the stratas should be combined by clearcutting and planting Loblolly Pine.

Activity Recommendations

In 2016, Strata 1, Stands 2, 3, and 16 should be thinned along with Strata 2, Stands 7 and 35. The total sale area is 102 acres. This thinning will primarily be a pine crown thinning in Strata 1 and a hardwood corridor/select in Strata 2. The trees to remove are as follows: trees of undesirable species, poor quality and unhealthy trees of desirable species, and high risk trees which are competing with better trees.

Strata 3

Strata Description

Strata 3 is comprised of Stands 1, 9, 10, 12, 15, 17-20, 28, 29, and 36. It contains a total of 321 acres of loblolly pine and bluff hardwood sawtimber. Much of the timber is mature. The species composition is good and the volume per acre is good. The terrain is gently rolling to steep.

Strata Recommendations

The long term goal for this strata is to clearcut and regenerate it with Loblolly Pine over the next 12 to 15 years.

Activity Recommendations

In 2012, Strata 1, Stands 2 and 3 should be control burned along with Strata 3, Stands 18 and 28 and Strata 5, Stand 13 to reduce hazardous fuels. The total area to burn is 187 acres.

In 2012, Strata 3, Stands 20, 29, and 36 should be clearcut for a total of 86 acres. Also, 24 acres within Strata 4, Stands 32 and 33 should be thinned as SMZs. At least 50 % crown cover should be left in all streamside management zones.

In 2013-2014, the 86 acre clearcut from Stands 20, 29, and 36 should be chemically site prepared, burned, and hand planted with geneticly improved Loblolly pine at a rate of 622 trees per acre (7'x10' spacing). The target date for planting is the winter of 2013-14. However, this could change due to the timing of the completion of harvesting. A survival check will be conducted during the following fall/winter to ensure adequate stocking.

In 2015, Strata 1, Stands 2 and 3 should be control burned along with Strata 3, Stand 28 and Strata 5, Stand 13 to reduce hazardous fuels. The total area to burn is 151 acres.

In 2015, Strata 3, Stands 10, 15, and 18 should be clearcut for a total of 52 acres. Also, a small portion of Strata 4 should be thinned as SMZs. At least 50 % crown cover should be left in all streamside management zones.

In 2016-2017, the 52 acre clearcut from Stands 10, 15, and 18 should be chemically site prepared, burned, and hand planted with geneticly improved Loblolly pine at a rate of 622 trees per acre (7'x10' spacing). The target date for planting is the winter of 2016-17. However, this could change due to the timing of the completion of harvesting. A survival check will be conducted during the following fall/winter to ensure adequate stocking.

In 2017, Strata 1, Stand 8 should be thinned along with Strata 3, Stands 9, 12, and 17 and Strata 5, Stand 13. The total sale area is 117 acres. This thinning will primarily be a pine crown thinning in Stratas 1 and 5, and a hardwood crown thinning in Strata 3. The trees to remove are as follows: trees of undesirable species, poor quality and unhealthy trees of desirable species, and high risk trees which are competing with better trees. At least 50 % crown cover should be left in all streamside management zones.

In 2018, Strata 3, Stands 1, 19, and 28 should be clearcut for a total of 104 acres. Also, a small portion of Strata 4 should be thinned as SMZs. At least 50 % crown cover should be left in all streamside management zones.

In 2019-2020, the 104 acre clearcut from Stands 1, 19, and 28 should be chemically site prepared, burned, and hand planted with geneticly improved Loblolly pine at a rate of 622 trees per acre (7'x10' spacing). The target date for planting is the winter of 2019-20. However, this could change due to the timing of the completion of harvesting. A survival check will be conducted during the following fall/winter to ensure adequate stocking.

Strata 4

Strata Description

Strata 4 is comprised of Stands 27 and 30-33. It contains a total of 69 acres of bluff hardwood sawtimber located adjacent to streams and drains. It is currently being used as streamside management zones. Much of the timber is near maturity. The species composition is good and the volume per acre is good. The terrain is flat along the perennial streams to steep along some of the upland gullies.

Strata Recommendations

The long term goal for this strata is to clearcut and regenerate all of this strata that is not needed as a Streamside Management Zone as adjacent stands are harvested over the next 15 years. The areas that are being maintained as SMZs can be thinned as adjacent stands are harvested.

Activity Recommendations

In 2012, Strata 3, Stands 20, 29, and 36 should be clearcut for a total of 86 acres. Also, 24 acres within Strata 4, Stands 32 and 33 should be thinned as SMZs. At least 50 % crown cover should be left in all streamside management zones.

Strata 5

Strata Description

Strata 5 is comprised of Stand 13. It contains a total of 31 acres of 18 year old pine chip-n-saw and pulpwood. Most of this stand was thinned in 2010, and the residual stand is well-stocked.

Strata Recommendations

The long term goal for this strata will be to continue periodic thinning and burning until age 35-40 and then clearcut and regenerate.

Activity Recommendations

In 2012, Strata 1, Stands 2 and 3 should be control burned along with Strata 3, Stands 18 and 28 and Strata 5, Stand 13 to reduce hazardous fuels. The total area to burn is 181 acres.

In 2015, Strata 1, Stands 2 and 3 should be control burned along with Strata 3, Stand 28 and Strata 5, Stand 13 to reduce hazardous fuels. The total area to burn is 145 acres.

In 2018 and 2021, Strata 1, Stands 2 and 3 should be control burned along with Strata 5, Stand 13 to reduce hazardous fuels. The total area to burn is 74 acres.

In 2017, Strata 1, Stand 8 should be thinned along with Strata 3, Stands 9, 12, and 17 and Strata 5, Stand 13. The total sale area is 117 acres. This thinning will primarily be a pine crown thinning in Stratas 1 and 5, and a hardwood crown thinning in Strata 3. The trees to remove are as follows: trees of undesirable species, poor quality and unhealthy trees of desirable species, and high risk trees which are competing with better trees. At least 50 % crown cover should be left in all streamside management zones.

Strata 6

Strata Description

Strata 6 is comprised of Stand 22. It contains a total of 64 acres of 1 year old pine reproduction. This stand originated from a clearcut which was chemically site prepared, burned and hand planted with 2nd Generation Loblolly Pine at a rate of 622 trees per acre (7'x10' spacing). The prior stand was primarily mature pine sawtimber. It is well stocked and has some natural pine regeneration encroaching into the stand. The terrain is gently rolling.

Strata Recommendations

The long term goal for this strata is to begin periodic thinning and burning around age 15 and continue thinning and burning until age 35-40. Then clearcut and regenerate with Loblolly Pine.

Activity Recommendations

No timber activities will be needed for this strata during the life of this plan.

OTHER PLAN ACTIVITIES

Boundary Lines

Line Description

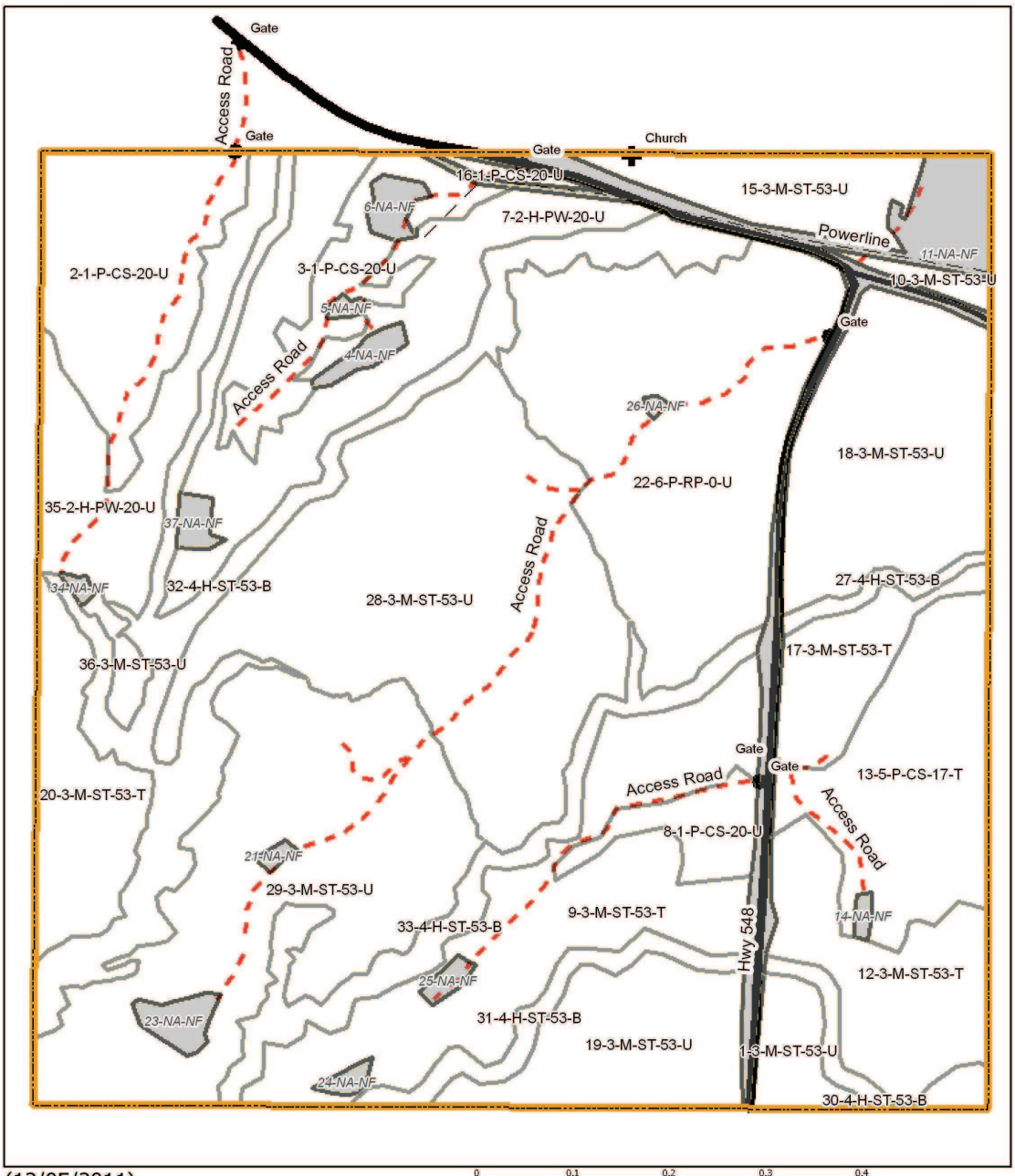
This section has 4 miles of boundary lines and around 2.5 miles of woods roads to maintain.

Line Recommendations

The property boundaries will be painted on a 5 year rotation beginning in 2016. The woods roads will be maintained as firebreaks on an "As Needed" basis.

STAND MAP - FY2012

Claiborne County Schools
Section 18, T11N, R5E, Claiborne County, Ms.
627.90 Acres



(12/05/2011)

Prepared by: Tommy Walker

LEGEND for Section 18, T11N, R5E, Claiborne County, Ms.

Property
- Property

Category 1: Stands
- Clear Cut
- Non-Stocked
- Reproduction
- Sub-Merchantable
- Pulpwood
- Chip-n-Saw
- Sawtimber
- Poles

Category 3: Non-Forest Stands
- Non-Forest

Structures
- Barn
- Tractor Shed
- Out Building
- Single-Family
- Multi-Family
- Camp House
- Club House
- Office Building
- Manufacturing
- Warehouse
- Chicken House
- Horse Stall
- Milking Parlor

Structures (cont)
- Hog Pen
- Blind
- Stand
- Hospital
- Nursing Home
- Dr. Clinic
- State Facility
- Office
- Work Center
- Materials Depot
- Prison
- School
- Church
- Mosque
- Synagogue
- Other

Other
- Towers
- Logging Deck
- Locked
- UnLocked
- Water
- Oil
- Natural Gas

Property Roads/Trails
- Drive Ways
- Access Road

Property Roads/Trails (cont)
- Logging Road
- Skid Trail
- Farm Road
- Hiking Trail
- Horseback Riding Trail

Transportation (Lines)
- City Streets
- County Roads
- 3 Digit Highway
- Interstate Highway
- US Highway
- State Highway
- Natchez Trace Parkway
- Runways/Airports
- Active RR
- Abandoned RR

Utilities (Lines)
- Large Electrical
- Local Utility
- Large Pipeline
- Small Pipeline
- Gas Line
- Utility Line
- Water Line

Stand Activity Summary for
CLAIBORNE COUNTY SCHOOLS
18 11N 5E

Filters Applied:
County: Claiborne
Client Class: School Trust Land
District: Capital District
Client: CLAIBORNE COUNTY S
STR: 18 11N 5E
Activity:
Year: 2012 Through 2021

STR	Strata	Stand	Activity	Acre	Est. Cost	Est. Revenue
2012						
18 11N 5E	1	2	Fire Protection, Other, Burn, Hand, Fuel Reduction	30	$450.00	$0.00
18 11N 5E	1	3	Fire Protection, Other, Burn, Hand, Fuel Reduction	13	$195.00	$0.00
18 11N 5E	3	18	Fire Protection, Other, Burn, Hand, Fuel Reduction	36	$534.00	$0.00
18 11N 5E	3	20	Harvest, Mechanical, Final, Machine, Loblolly	18	$540.00	$29,196.00
18 11N 5E	3	28	Fire Protection, Other, Burn, Hand, Fuel Reduction	77	$1,155.00	$0.00
18 11N 5E	3	29	Harvest, Mechanical, Final, Machine, Loblolly	64	$1,920.00	$103,808.00
18 11N 5E	3	36	Harvest, Mechanical, Final, Machine, Loblolly	2	$60.00	$3,244.00
18 11N 5E	4	32	Harvest, Mechanical, Thin, Machine, Misc Hardwood	17	$680.00	$8,806.00
18 11N 5E	4	33	Harvest, Mechanical, Thin, Machine, Misc Hardwood	7	$280.00	$3,626.00
18 11N 5E	5	13	Fire Protection, Other, Burn, Hand, Fuel Reduction	31	$468.90	$0.00
			Yearly Totals	295	$6,282.90	$148,680.00
2014						
18 11N 5E	3	20	Regeneration, Artificial, Plant, Hand, Loblolly	18	$1,530.00	$0.00
18 11N 5E	3	20	Site Preparation, Other, Burn, Hand, Cut-Over	18	$450.00	$0.00
18 11N 5E	3	20	Site Preparation, Chemical, Broadcast, Aerial, Combination	18	$2,160.00	$0.00
18 11N 5E	3	29	Site Preparation, Other, Burn, Hand, Cut-Over	64	$1,600.00	$0.00
18 11N 5E	3	29	Site Preparation, Chemical, Broadcast, Aerial, Combination	64	$7,680.00	$0.00
18 11N 5E	3	29	Regeneration, Artificial, Plant, Hand, Loblolly	64	$5,440.00	$0.00

STR	Strata	Stand	Activity	Acre	Est. Cost	Est. Revenue
18 11N 5E	3	36	Regeneration, Artificial, Plant, Hand, Loblolly	2	$170.00	$0.00
18 11N 5E	3	36	Site Preparation, Other, Burn, Hand, Cut-Over	2	$50.00	$0.00
18 11N 5E	3	36	Site Preparation, Chemical, Broadcast, Aerial, Combination	2	$240.00	$0.00
			Yearly Totals	252	$19,320.00	$0.00
2015						
18 11N 5E	1	2	Fire Protection, Other, Burn, Hand, Fuel Reduction	30	$750.00	$0.00
18 11N 5E	1	3	Fire Protection, Other, Burn, Hand, Fuel Reduction	13	$325.00	$0.00
18 11N 5E	3	10	Harvest, Mechanical, Final, Machine, Loblolly	2	$70.00	$3,430.00
18 11N 5E	3	15	Harvest, Mechanical, Final, Machine, Loblolly	14	$490.00	$24,010.00
18 11N 5E	3	18	Harvest, Mechanical, Final, Machine, Loblolly	36	$1,260.00	$61,740.00
18 11N 5E	3	28	Fire Protection, Other, Burn, Hand, Fuel Reduction	77	$1,925.00	$0.00
18 11N 5E	5	13	Fire Protection, Other, Burn, Hand, Fuel Reduction	31	$781.50	$0.00
			Yearly Totals	203	$5,601.50	$89,180.00
2016						
18 11N 5E	1	2	Harvest, Mechanical, Thin, Machine, Loblolly	30	$1,050.00	$9,000.00
18 11N 5E	1	3	Harvest, Mechanical, Thin, Machine, Loblolly	13	$455.00	$3,900.00
18 11N 5E	1	16	Harvest, Mechanical, Thin, Machine, Loblolly	1	$35.00	$300.00
18 11N 5E	2	7	Harvest, Mechanical, Thin, Machine, Misc Hardwood	36	$1,260.00	$3,600.00
18 11N 5E	2	35	Harvest, Mechanical, Thin, Machine, Misc Hardwood	22	$770.00	$2,200.00
			Yearly Totals	102	$3,570.00	$19,000.00
2017						
18 11N 5E	1	8	Harvest, Mechanical, Thin, Machine, Loblolly	7	$245.00	$2,100.00
18 11N 5E	3	9	Harvest, Mechanical, Thin, Machine, Loblolly	45	$1,575.00	$19,395.00
18 11N 5E	3	10	Regeneration, Artificial, Plant, Hand, Loblolly	2	$170.00	$0.00

STR	Strata	Stand	Activity	Acre	Est. Cost	Est. Revenue
18 11N 5E	3	10	Site Preparation, Chemical, Broadcast, Aerial, Combination	2	$240.00	$0.00
18 11N 5E	3	10	Site Preparation, Other, Burn, Hand, Cut-Over	2	$50.00	$0.00
18 11N 5E	3	12	Harvest, Mechanical, Thin, Machine, Loblolly	22	$770.00	$14,190.00
18 11N 5E	3	15	Site Preparation, Chemical, Broadcast, Aerial, Combination	14	$1,680.00	$0.00
18 11N 5E	3	15	Site Preparation, Other, Burn, Hand, Cut-Over	14	$350.00	$0.00
18 11N 5E	3	15	Regeneration, Artificial, Plant, Hand, Loblolly	14	$1,190.00	$0.00
18 11N 5E	3	17	Harvest, Mechanical, Thin, Machine, Loblolly	12	$420.00	$6,624.00
18 11N 5E	3	18	Regeneration, Artificial, Plant, Hand, Loblolly	36	$3,060.00	$0.00
18 11N 5E	3	18	Site Preparation, Chemical, Broadcast, Aerial, Combination	36	$4,320.00	$0.00
18 11N 5E	3	18	Site Preparation, Other, Burn, Hand, Cut-Over	36	$900.00	$0.00
18 11N 5E	5	13	Harvest, Mechanical, Thin, Machine, Loblolly	31	$1,085.00	$9,300.00
			Yearly Totals	273	$16,055.00	$51,609.00
2018						
18 11N 5E	1	2	Fire Protection, Other, Burn, Hand, Fuel Reduction	30	$750.00	$0.00
18 11N 5E	1	3	Fire Protection, Other, Burn, Hand, Fuel Reduction	13	$325.00	$0.00
18 11N 5E	3	1	Harvest, Mechanical, Final, Machine, Loblolly	6	$210.00	$10,290.00
18 11N 5E	3	19	Harvest, Mechanical, Final, Machine, Loblolly	21	$735.00	$34,062.00
18 11N 5E	3	28	Harvest, Mechanical, Final, Machine, Loblolly	77	$2,695.00	$124,894.00
18 11N 5E	5	13	Fire Protection, Other, Burn, Hand, Fuel Reduction	31	$781.50	$0.00
			Yearly Totals	178	$5,496.50	$169,246.00
2020						
18 11N 5E	3	1	Site Preparation, Chemical, Broadcast, Aerial, Combination	6	$720.00	$0.00
18 11N 5E	3	1	Site Preparation, Other, Burn, Hand, Cut-Over	6	$150.00	$0.00

STR	Strata	Stand	Activity	Acre	Est. Cost	Est. Revenue
18 11N 5E	3	1	Regeneration, Artificial, Plant, Hand, Loblolly	6	$510.00	$0.00
18 11N 5E	3	19	Site Preparation, Chemical, Broadcast, Aerial, Combination	21	$2,520.00	$0.00
18 11N 5E	3	19	Site Preparation, Other, Burn, Hand, Cut-Over	21	$525.00	$0.00
18 11N 5E	3	19	Regeneration, Artificial, Plant, Hand, Loblolly	21	$1,785.00	$0.00
18 11N 5E	3	28	Site Preparation, Chemical, Broadcast, Aerial, Combination	77	$9,240.00	$0.00
18 11N 5E	3	28	Site Preparation, Other, Burn, Hand, Cut-Over	77	$1,925.00	$0.00
18 11N 5E	3	28	Regeneration, Artificial, Plant, Hand, Loblolly	77	$6,545.00	$0.00
			Yearly Totals	312	$23,920.00	$0.00
2021						
18 11N 5E	1	2	Fire Protection, Other, Burn, Hand, Fuel Reduction	30	$750.00	$0.00
18 11N 5E	1	3	Fire Protection, Other, Burn, Hand, Fuel Reduction	13	$325.00	$0.00
18 11N 5E	5	13	Fire Protection, Other, Burn, Hand, Fuel Reduction	31	$775.00	$0.00
			Yearly Totals	74	$1,850.00	$0.00
			Grand Totals	**1,689**	**$82,095.90**	**$477,715.00**